

# Spokane Community College and Spokane Falls Community College

## ASSOCIATE OF SCIENCE TRANSFER (TRACK 1)

### DEGREE REQUIREMENTS • CHEMISTRY EDUCATION

The Associate in Chemistry Education (AS-T #1) degree is a statewide articulated transfer agreement for future secondary chemistry teachers between community colleges and most four-year institutions. A candidate for this degree must complete 90-97 credits in academic courses numbered 100 and above with a cumulative grade point average of at least 2.0. Courses must be chosen from the following specified distribution areas: communication –15 credits, humanities/social sciences –10 credits, mathematics –10 credits, science – 50 credits, and 5-7 credits in additional required course(s) and an additional 5 recommended credits in education. **At least 5 credits must be W-designated (writing-intensive).** At least 30 credits must be earned from Spokane Community College/Spokane Falls Community College. At SFCC, all prior college-level credits and grade points are transferred for calculating total credits and GPA. This degree does not fulfill all general education requirements of four-year institutions.

## DISTRIBUTION

Credits for a specific course may be used in only one distribution area requirement.

## 2008-2009

### COMMUNICATION 15 credits

Courses from this area do not satisfy the writing-intensive requirement.

ENGL& 101 (formerly ENG 101)  
ENGL& 102 (formerly ENG 201)  
CMST& 101 (formerly SPCH 101 AND ENG 109)

### HUMANITIES/SOCIAL SCIENCES 15 credits

PSYC& 100 (formerly PSYCH 101) **AND** one of the following:  
ART 112  
ENGL 247, 271, 272, 278 (formerly ENG 247, 271, 272, 278)  
HUM 107, 224, 225, 241 (formerly HUMAN 107, 224, 225, 241)  
MUSC 124, 109 (formerly MUSIC 104, 109)  
CMST 227 (formerly SPCH 220)

### MATHEMATICS 10 credits

MATH& 151 **AND** 152 (formerly MATH 124 **AND** 125)

### SCIENCE<sup>1</sup> 50 credits

#### GROUP A: Chemistry (30cr)

CHEM& 161, 162, 163 (formerly CHEM 141, 142, 143)<sup>1</sup>  
**AND** CHEM& 241/251, 242/252, 243/253 (formerly 201/211, 202/212, 203/213)

#### GROUP B: Third quarter calculus or approved statistics course (5cr)

MATH 221 **OR** MATH& 153 (formerly MATH 126)

#### GROUP C: Physics Sequence (15cr)

PHYS 101, 102 **AND** 103<sup>1</sup>  
**OR**  
PHYS 201, 202 **AND** 203<sup>1</sup>

### ADDITIONAL COURSE(S)

5-7 credits required

10-12 credits recommended

EDUC 267/EDUC& 202 **OR** EDUC& 205 (formerly ED 267/201 **OR** ED 202)  
EDUC& 204 (formerly ED 204) recommended

<sup>1</sup>Students must check with transfer institution for specific local requirements.

#### NOTES:

1. Students are responsible for checking specific major requirements of four-year institutions in the year prior to transferring.
2. It is recommended that sequential science classes be completed at one institution.
3. Students completing this Associate of Science Transfer (AS-T) degree will receive the same priority consideration for admission to the four-year institution as they would for completing the direct transfer associate's degree and will be given junior status by the receiving institution.
4. Additional general education requirements, cultural diversity requirements, and foreign language requirements, as required by the transfer institution, must be met prior to the completion of a baccalaureate degree.
5. Students should work with a counselor or academic adviser for further guidance specific to their goals.

**NOTE:** Some institutions have requirements for admission to the major that go beyond those specified above. Students can meet these requirements by careful selection of an additional elective course. Students should work with a counselor or academic adviser for further guidance specific to their goals.

**NOTICE:** Due to the specialized nature of many of the listed courses, students should consult a counselor or academic adviser and the catalog of the four-year institution to which they plan to transfer for specific degree requirements.

**DISCLAIMER:** During the period this guide is in circulation, there may be curriculum revisions and program changes. Students are responsible for consulting the appropriate academic unit or adviser for more current and specific information. The information in this guide is subject to change and does not constitute an agreement between the college and the student.

# ASSOCIATE OF SCIENCE TRANSFER (TRACK 1) DEGREE CHEMISTRY EDUCATION WORKSHEET 2008-2009

A total of 90-97 credits is required. **At least 5 credits must be W-designated (writing-intensive).** See reverse side for the complete statement of degree requirements and listing of available courses.

Counselor's Initials

Date

Student Identification Number

Name

## I. COMMUNICATION — 15 credits

Course	Date	Cr
ENGL& 101 (formerly ENG 101)		
ENGL& 102 (formerly ENG 201)		
CMST& 101 (formerly SPCH 101/ ENG 109)		
<b>COMMUNICATION TOTAL</b>		

## II. HUMANITIES/SOCIAL SCIENCES — 10 credits

**PSYC& 100** (formerly PSYCH 101) **AND** one of the following:

Course	Date	Cr
PSYC& 100 (formerly PSYCH 101) (required) <b>AND</b>		
ART 112		
ENGL 247, 271, 272, 278 (formerly ENG 247, 271, 272, 278)		
HUM 107, 224, 225, 241 (formerly HUMAN 107, 224, 225, 241)		
MUSC 124, 109 (formerly MUSIC 104, 109)		
CMST 227 (formerly SPCH 220)		
<b>HUMANITIES/SOCIAL SCIENCES TOTAL</b>		

## III. MATHEMATICS — 10 credits

Course	Date	Cr
MATH& 151 <b>AND</b> 152 (formerly MATH 124, 125)		
<b>MATHEMATICS TOTAL</b>		

## IV. SCIENCE<sup>1</sup> — 50 credits

### GROUP A: Chemistry (30cr)

Course	Date	Cr
CHEM& 161, 162, 163 (formerly CHEM 141, 142, 143) <b>AND</b>		
CHEM& 241/251, 242/252, 243/253 (formerly CHEM 201/211, 202/212, 203/213)		

### GROUP B: Third quarter calculus or approved statistics course (5cr)

Course	Date	Cr
MATH 221 <b>OR</b> MATH& 153 (formerly MATH 126)		

### GROUP C: Physics Sequence (15cr recommended)

Course	Date	Cr
PHYS 101, 102 <b>AND</b> 103 <sup>1</sup>		
<b>OR</b>		
PHYS 201, 202 <b>AND</b> 203 <sup>1</sup>		
<b>SCIENCE TOTAL</b>		

<sup>1</sup> Students must check with transfer institution for specific local requirements.

## V. ADDITIONAL COURSE(S)

5-7 credits required  
10-12 credits recommended

Course	Date	Cr
EDUC 267/EDUC& 202 <b>OR</b> EDUC& 205 (formerly ED 267/201 <b>OR</b> ED 202)		
EDUC& 204 (formerly ED 204) recommended		
<b>ADDITIONAL COURSE(S) TOTAL</b>		

<p><b>"W" COURSE</b> _____ course title/number</p>
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